

File 351:Derwent WPI 1963-2003/UD,UM &UP=200342
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Set Items Description

? S PN=JP 1097861
S1 1 PN=JP 1097861

? T 1/3,AB/1

1/3,AB/1
DIALOG(R)File 351:Derwent WPI
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WPI Acc No: 1989-155807/*198921*

XRAM Acc No: C89-069111

XRPX Acc No: N89-118720

Antibody distinguishing myristyl-glycine part of protein - is obtd. by
dosing antigen contg. complex of myristyl glycine and carrier protein of
mammal and sepg. obtd. antibody

Patent Assignee: SHOJI S (SHOJ-I)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 1097861	A	19890417	JP 87255811	A	19871010	198921 B
JP 2524505	B2	19960814	JP 87255811	A	19871010	199637

Priority Applications (No Type Date): JP 87255811 A 19871010

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 1097861	A		6		
JP 2524505	B2		4	G01N-033/53	Previous Publ. patent JP 1097861

Abstract (Basic): JP 1097861 A

Antibody distinguishing myristoylglycine part of protein is obtd.
by dosing antigen comprising complex of myristoylglycine and carrier
protein to mammal and separating antibody formed in mammal. Pref. in
prepn. of myristoylglycine antigen, myristoyl glycine, which becomes
haptén, can be easily prep'd. by common methods. I.e. myristic acid
chloride and glycine are treated in 0.5 M sodium bicarbonate, aq. soln.
contg. 20% of acetonitrile and prod. is recrystallised from ethanol,
obtg. myristoylglycine. Carrier protein bound with myristoylglycine is
natural or synthetic high polymer protein e.g. bovine, or human-serum
albumin, bovine or human-serum globulin, bovine or human-thyroglobulin,
bovine or human haemoglobin, polylysine, polyglutamic acid,
lysine-glutamic acid copolymer, etc. Reaction of haptén
(myristoylglycine) and carrier protein to form complex can be carried
out by common methods e.g. amide binding method. Amide binding method
is carried out by dehydrative condensn. method using dehydrating
agents, e.g. carbodiimide. Mammal used for pptn. of antibody using
complex antigen is rabbit, guinea pig, mouse, sheep, goat, etc. Prepn.
and sepn. of antibody distinguishing myristoylglycine part are carred
carried out by common methods.

USE/ADVANTAGE - Useful for detecting myristoyl glycine part in
given proteins. Myristoylated protein can be selectively and easily
sepd. from cell component by using antibody distinguishing

myristoylglycine part, which is useful for analysis of properties of proteins.

Dwg.0/3

? S PN=JP 2193914

S2 1 PN=JP 2193914

? T 2/3,AB/1

2/3,AB/1

DIALOG(R)File 351:Derwent WPI

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008385630

WPI Acc No: 1990-272631/*199036*

XRAM Acc No: C90-117977

Release-controlled matrix prepn. - comprises medicated component, slightly water soluble substance, polycation and polyanion

Patent Assignee: SUMITOMO SEIYAKU KK (SUMU)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2193914	A	19900731	JP 8914522	A	19890123	199036 B

Priority Applications (No Type Date): JP 8914522 A 19890123

Abstract (Basic): JP 2193914 A

Prepn. comprises a matrix contg. (1) a mediated component, (2) slightly water soluble substance, (3) polycation, and (4) polyanion.

The medicated component is arotinol hydrochloride (5-(2-(3-tert butylamino -2-hydroxypropyl)thio)-4-thiazolyl -2-thiophene carbox. The slightly water soluble substance is e.g. polyvinyl acetate, ethyl cellulose, cellulose acetate, polyethylene bee wax, carnauba wax, sorbitane monostearate, glyceryl monostearate, or stearic acid. The polycation is elgl polylysine, vinyl pyridine styrene copolymer, aminoalkyl methacrylate copolymer or a mixt. The polyanion is e.g. polyglutamic acid, hydroxypropyl methyl cellulose phthalate, carboxy methyl ethyl cellulose, or a mixt. The release-controlled prepn. can contain other additives such as cornsarch, lactose, crystalline cellulose, calcium carboxymethyl cellulose, gelatin, magnesium stearate, talc, or pigments and flavours.

USE/ADVANTAGE - Addn. of slightly water soluble substance, polycation and polyanion to the matrix can control the release of the medicated component.

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S3 1 PN=JP 4215760

? T 3/3,AB/1

3/3,AB/1

DIALOG(R)File 351:Derwent WPI

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WPI Acc No: 1992-311559/*199238*

XRAM Acc No: C92-138383

XRPX Acc No: N92-238362

Coating of medical appliance and implant for high surface lubricity - has